

For Research Use Only

# ZNHIT1 Recombinant monoclonal antibody

Catalog Number: 87390-1-RR



## Basic Information

<b>Catalog Number:</b> 87390-1-RR	<b>GenBank Accession Number:</b> BC017333	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10467	<b>CloneNo.:</b> 252815C11
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O43257	<b>Recommended Dilutions:</b> WB: 1:2000-1:10000
<b>Isotype:</b> IgG	<b>Full Name:</b> zinc finger, HIT type 1	
<b>Immunogen Catalog Number:</b> AG9741	<b>Calculated MW:</b> 154 aa, 18 kDa	
	<b>Observed MW:</b> 18 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

**Species Specificity:**  
human, rat

### Positive Controls:

WB : HeLa cells, MCF-7 cells, HEK-293 cells, MOLT-4 cells, PC-12 cells

## Background Information

ZNHIT1(Zinc finger HIT domain containing protein 1), also named CGBP1 (Cyclin G1 binding protein 1), is a subunit of the SNF-2 related CBP activator protein (SRCAP) complex, which can remodel chromatin by incorporating the histone variant H2A.Z into nucleosomes(PMID: 15647280). ZNHIT1 also can bind to myogenin promoter and mediate H2A.Z incorporation for its expression(PMID: 20473270). ZNHIT1 overexpression induces apoptosis and represses proliferation and invasion of breast cancer cells(PMID: 30928405).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

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